

**WHAT IS CLAIMED IS:**

1           1.     A method for providing security to a client computing system in  
2     communication with a host communication system across a network, said method  
3     comprising:  
4                 executing a browser on the client computing system;  
5                 communicating, from the client to the host computing system, a request  
6     to download data to be displayed in the browser;  
7                 downloading the data from the host computing system to the client  
8     computing system via a client side firewall in response to the download request;  
9                 loading an interactive software application in the browser, the interactive  
10    software application utilizing the data downloaded from the host computing system;  
11    and  
12                 executing the interactive software application in the browser on the  
13    client computing system, the interactive software application being in communication  
14    with at least one element on the client side of the client side firewall.

1           2.     The method according to claim 1, wherein the communication includes  
2     issuing and receiving events.

1           3.     The method according to claim 1, wherein the at least one element  
2     includes at least one of a browser and an element of an underlying architecture

1           4.     The method according to claim 1, wherein the interactive software  
2     application is an applet.

1           5.     The method according to claim 4, wherein the applet is a Java applet.

1           6.     The method according to claim 1, wherein the communication  
2     commences after verification of a digital signature.

1           7.     The method according to claim 1, further comprising:  
2                 reading a digital signature;  
3                 verifying the digital signature; and  
4                 opening a port of the browser to receive events from the at least one  
5     element.

1           8.     The method according to claim 1, wherein the data includes a model  
2     representative of an underlying architecture of a software system.

1           9.     The method according to claim 1, wherein the browser operates a  
2     graphical user interface to display data communicated by the at least one element.

1           10.    The method according to claim 9, wherein the data includes content and  
2     format information.

- 1            11.     The method according to claim 1, wherein the browser is a web browser.

1           12.     A system for providing security to a client computing system operating a  
2     browser in communication with an interactive software application maintained by a  
3     host computing system, said system comprising:

4                     at least one processor in the client computing system operable to  
5     generate and communicate a request to download the interactive software application  
6     from the host computing system to the client computing system; and

7                     a memory operating in the client computing system to store the  
8     interactive software application downloaded in response to the download request, said  
9     at least one processor executing the stored interactive software application and the  
10    browser, the executed interactive software application and browser being in  
11    communication.

1           13.     The system according to claim 12, wherein the communication includes  
2     issuing and receiving events.

1           14.     The system according to claim 12, wherein the at least one element  
2     includes at least one of a browser and an element of the underlying architecture.

1           15.     The system according to claim 12, wherein the interfacing software  
2     application is an applet.

1           16.     The system according to claim 12, further comprising a digital signature  
2     associated with the host computing system.

1           17.     The system according to claim 12, wherein the data includes a model  
2     representative of an underlying architecture of a software system.

1           18.     The system according to claim 12, wherein the browser is a web  
2     browser.

1           19.    A method for providing security to a client computing system operating  
2    an interactive software application, said method comprising:  
3                   loading the interactive software application on the client computing  
4    system;  
5                   executing the interactive software application in a browser on the client  
6    computing system;  
7                   communicating a digital signature to the browser;  
8                   verifying the digital signature;  
9                   upon confirmation of the digital signature, opening a port of the browser  
10   for receiving data from at least one element; and  
11                  communicating data between the at least one element and browser.

1           20.    The method according to claim 19, wherein the data includes at least one  
2    of events and requests.

1           21.    The method according to claim 20, wherein the events and requests  
2    utilize the HTTP protocol.

1           22.    The method according to claim 19, wherein the digital signature is  
2    associated with a host computing system.

1           23.     The method according to claim 19, wherein the at least one element is at  
2     least one of a second browser and component of an underlying architecture.

1           24.     The method according to claim 19, wherein the at least one element  
2     operates on the client side of a client firewall.

1           25.     The method according to claim 19, wherein the browser is a web  
2     browser.

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1           26.    A system for providing security to a client computing system in  
2   communication with a host communication system across a network, said system  
3   comprising:

4                   means for executing a browser on the client computing system;

5                   means for communicating, from the client to the host computing system,  
6   a request to download data to be displayed in the browser;

7                   means for downloading the data from the host computing system to the  
8   client computing system via a client side firewall in response to the download request;

9                   means for loading an interactive software application in the browser, the  
10   interactive software application utilizing the data downloaded from the host computing  
11   system; and

12                  means for executing the interactive software application in the browser  
13   on the client computing system, the interactive software application being in  
14   communication with at least one element on the client side of the client side firewall.

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